

VIII.—DESCRIPTIONS OF NEW SPECIES OF
MARINE AND FRESHWATER SHELLS
IN THE COLLECTION OF THE
INDIAN MUSEUM, CALCUTTA.

By H. B. PRESTON, F.Z.S.

Bittium insulsum, sp. nov.

Shell elongately fusiform, narrowly perforate, yellowish white with a broad circular band of pale reddish brown; whorls 9, cancellate with transverse ribs and spiral grooves; aperture oval; peristome simple.

Altitude 3 mm.

Diam., major 1 ,,

Habitat—Galle, Ceylon.

Type in Indian Museum, Calcutta.

Gottonia andamania, sp. nov.

Shell conical, very solid, white, strongly keeled at periphery; whorls 5, rather flat, spirally lirate and transversely costate, presenting a somewhat minutely nodilous appearance; sutures impressed, aperture circular; peristome thickened.

Altitude 2 mm.

Diam., major 1 ,,

Habitat—Andaman Islands.

Type in Indian Museum, Calcutta.

Bithynia pygmæa, sp. nov.

Shell ovately fusiform, dark olive-brown; whorls $3\frac{1}{2}$, convex, smooth; sutures well impressed; aperture oval; peristome simple, continuous; umbilicus narrow; operculum shelly, spiral with central nucleus.

Altitude 3.25 mm.

Diam., major 2 ,,

Aperture, alt. 1.75 ,,

„ diam. 1 ,,

Habitat—Myetmyo, Burma.

Type in Indian Museum, Calcutta.

Odostomia pfeifferi, sp. nov.

Shell fusiform, semi-transparent white; whorls 6, spirally striate; sutures well impressed; aperture elongately, inversely auriform; columella bearing a coarse plait; peristome simple.

Altitude 1.5 mm.
 Diam., major 5 ,,
 Habitat—Andaman Islands.

Type in Indian Museum, Calcutta.



FIG. 1.



FIG. 2.

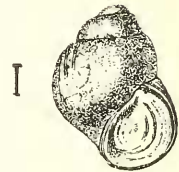


FIG. 3.

FIG. 1.—*Bittium insulsum*, sp. nov.

FIG. 2.—*Gottonia andamanica*, sp. nov.

FIG. 3.—*Bithynia pygmaea*, sp. nov.

Miralda gemma, sp. nov.

Shell oblong ovate, white; whorls 4, somewhat inflated, sculptured on the upper part with coarse costæ, below which appears a spiral liration; lower half of body whorl and base of shell spirally lirate; sutures well impressed; aperture ovate; peristome simple above, somewhat dilated at base.

Altitude 1.25 mm.
 Diam., major 5 ,,
 Habitat—Oman.

Type in Indian Museum, Calcutta.

Limnæa simulans, sp. nov.

Shell fusiform, brownish horn colour; whorls 5; sutures impressed; umbilicus narrow, partly concealed by the reflexed columella; columella arched, thick, extending into a callus which reaches the lip above; peristome simple; aperture inversely auriform.

Altitude 7.75 mm.
 Diam., major 4.25 ,,
 Aperture, alt. 4 ,,
 ,, diam. 2 ,,
 Habitat—Pharping, Nepal.

Though the shell itself is of a brownish horn colour, all the specimens before me are covered with a thick blackish coating of some substance, probably of a vegetable nature.

Type in Indian Museum, Calcutta.



FIG. 4.



FIG. 5.

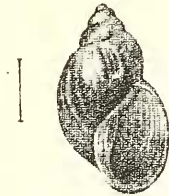


FIG. 6.

FIG. 4.—*Odostomia pfeifferi*, sp. nov.

FIG. 5.—*Miralda gemma*, sp. nov.

FIG. 6.—*Limnæa simulans*, sp. nov.

Unio siliguriensis, sp. nov.

Shell inequilateral, ovate oblong, reddish brown, sculptured with concentric lines of growth and oblique transverse wrinkles, these latter being especially marked posteriorly; anterior side rounded; posterior side acuminately rounded; dorsal margin arched; ventral margin very slightly contracted in the middle; umboes much eroded; interior of shell iridescent, pale bluish white.

Long. 21 mm.

Lat. 37°75'

Habitat—Siliguri, N. Bengal.

Type in Indian Museum, Calcutta.

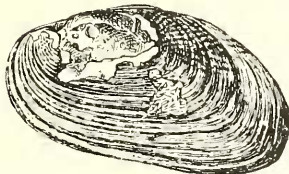


FIG. 7.

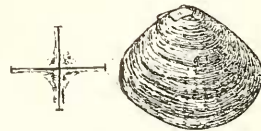


FIG. 8.

FIG. 7.—*Unio siliguriensis*, Preston (type), sp. nov.

FIG. 8.—*Corbicula sylhetica*, Preston, sp. nov.

Corbicula sylhetica, sp. nov.

Shell nearly equilateral, tumid, subtrigonal, pale olive-green, sculptured with fine irregular concentric striae; anterior side rounded;

posterior side somewhat angularly rounded ; lateral margins sloped ; ventral margin rounded, slightly contracted towards the posterior side ; umboes large ; interior of shell purplish white.

Long. 10.5 mm.

Lat. 12 ,,

Habitat—Phenchooganj, Sylhet, Assam.

Allied to *C. irawadica*, Benson, but is more trigonal and more swollen.

Type in Indian Museum, Calcutta.